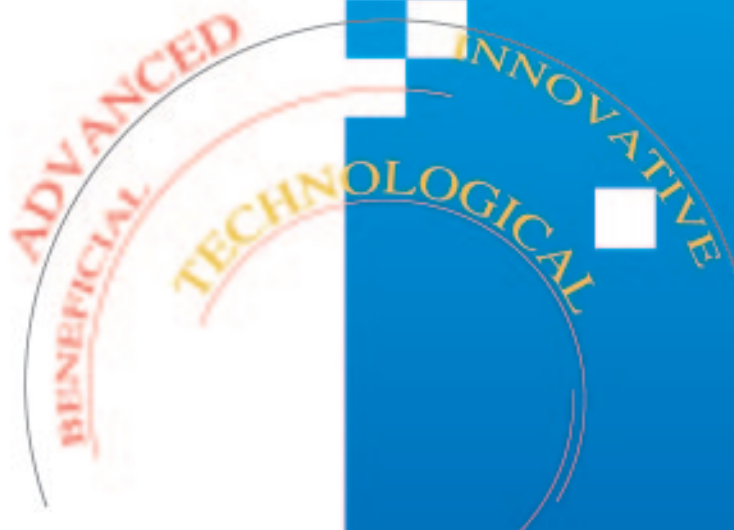


# ABIT AX5

## 586/686 Processor Based AX5 Mainboard



### Socket 7

- Supports 55, 60, 66, 75 MHz CPU external clock speeds
- Supports 100-200 MHz Pentium® processors and Pentium® processors with MMX™ technology
- Supports AMD-K5™ PR100~PR166 processors
- Supports Cyrix 6x86™ PR120+~PR166+ processors

Employs **switching type regulator** to stabilize CPU operation

### Four 72-pin SIMM sockets

- SIMM sockets support EDO and FP DRAM

**Three 168-pin DIMM sockets for 3.3V unbuffered** DRAM modules

- DIMM sockets support **Synchronous**, EDO and FP DRAM

Two floppy disk drive connectors support up to 2.88MB

**Four** PCI slots

Super I/O chip

**Four** ISA slots

PS/2 mouse port

PS/2 keyboard port

Built-in 256K or 512K P. B. SRAM

Intel 430TX chipset

(MTXC and PIIX4 chips)

- Supports **Ultra DMA/33** IDE protocol
- Supports fast type-F DMA protocol
- Supports Advanced Configuration and Power Interface (**ACPI**) specification
- Supports OS directed power management (Windows® 95 soft power off)
- Supports **PCI Rev. 2.1**

Secondary IDE connector

Primary IDE connector

Clock generator chip

Award **Plug and Play** BIOS

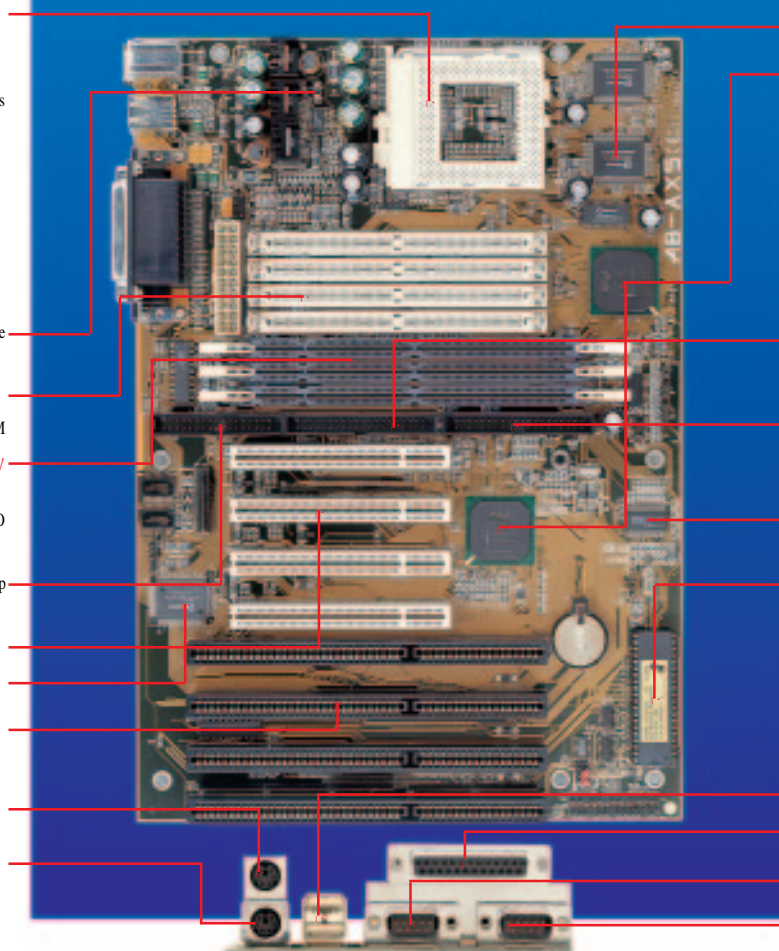
- Built-in user friendly **SOFT MENU™** sets all CPU parameters
- Supports Advanced Power Management
- Supports DMI and **ACPI**

Two USB ports

Standard/**EPP/ECP** parallel port

16550 compatible serial port (COM 1)

16550 compatible serial port (COM 2)



Side view of ports



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# AX5 586/686 Processor Based ATX Mainboard

## With CPU SOFT MENU™ Technology

Based on Intel's 430 TX chipset, the AX5 is uniquely designed for file servers, workstations and professional users. The AX5 provides an abundant supply of main memory, an IDE interface, and high performance PCI Rev. 2.1. A combination of three 168-pin DIMM and four 72-pin SIMM sockets fulfills the memory hungry requirement of high-end computing environments. The 168-pin DIMM sockets support Synchronous, FP, and EDO DRAM. The AX5 also implements SOFT MENU™, a leading technology that eliminates all jumpers on the mainboard that set CPU parameters. With SOFT MENU™ end-users are able to use software to easily and correctly install their own CPU, enabling them to upgrade to a Pentium® processor with MMX™ technology, AMD-K6™ processor, or Cyrix M2™ processor.

### Specifications:

#### \* CPU

- No jumpers or DIP switches needed to set CPU parameters
- Employs switching type regulator to stabilize CPU operation
- Supports 55, 60, 66, 75 MHz CPU external clock speeds
- Supports 100-200 MHz Pentium® processors and Pentium® processors with MMX™ technology
- Supports AMD-K5™ PR100~PR166 processors
- Supports Cyrix 6x86™ PR120+~PR166+ processors
- Reserved circuitry for future processors

#### \* Chipset

- Intel 430TX chipset (MTXC and PIIX4 chips)
- Supports Ultra DMA/33 IDE protocol
- Supports fast type-F DMA protocol
- Supports Advanced Configuration and Power Interface (ACPI) specification
- Supports OS directed power management (Windows® 95 soft power off)
- Supports PCI Rev. 2.1

#### \* Memory(DRAM)

- Three 168-pin DIMM sockets for 3.3V unbuffered DRAM modules
- DIMM sockets support Synchronous, EDO and FP DRAM
- Four 72-pin SIMM sockets
- SIMM sockets support EDO and FP DRAM
- Supports 4MB to 256MB memory sizes

#### \* L2 Cache Memory

- Built-in 256K or 512K P. B. SRAM

#### \* System BIOS

- Award Plug and Play BIOS supports APM, DMI, and ACPI
- Built-in user friendly SOFT MENU™ sets all CPU parameters
- Supports Advanced Power Management
- Supports DMI and ACPI

#### \* Multi I/O Functions

- Two floppy disk drive connectors support up to 2.88MB
- Two IDE channels[PIO mode 0~4 and Bus Master]
- Built-in Standard/EPP/ECP parallel port
- Two built-in 16550 compatible serial ports
- Built-in PS/2 mouse and keyboard ports
- Two built-in USB ports

#### \* Miscellaneous

- Baby ATX form factor
- Four ISA slots and four PCI slots
- Supports keyboard Re-new fuse
- Supports NEC PC98 3-mode FDD format

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ABIT Computer Corp. Rev 1.0